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503.36233CC4

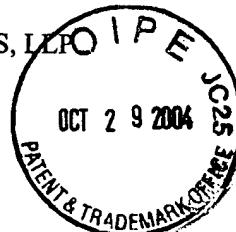
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020457 7590 07/29/2004

ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 NORTH SEVENTEENTH STREET
SUITE 1800
ARLINGTON, VA 22209-9889
11/01/2004 NNGUYEN2 00000076 10615873

01 FC:1501 1370.00 OP
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(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,873	07/10/2003	Kenji Oguma	503.36233CC4	8435

TITLE OF INVENTION: TRAIN DETECTION SYSTEM AND A TRAIN DETECTION METHOD CROSS REFERENCE TO RELATED APPLICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330 1370	\$300	\$1630 1670	10/29/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
TO, TUAN C	3663	701-019000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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Antonelli, Terry, Stout
1 & Kraus, LLP
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Hitachi, Ltd.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Tokyo, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent); individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

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Issue Fee

A check in the amount of the fee(s) is enclosed.

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

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(Authorized Signature)

Melvin Kraus # 22,466

(Date)

October 29, 2004

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